

AMU 1200 – 20



Abrasive Mixing Unit

Maximum working pressure	1200 bar (17400 PSI)
Pressure vessel	20 l volume / 40 kg abrasive
High pressure valves	manual
Weight	500 kg empty
Size (L x W x H)	1000 mm x 750 mm x 1600 mm

Operation Parameter

Nozzle size		0.6 mm	1.0 mm
Pressure		1200 bar (17400 PSI)	1200 bar (17400 PSI)
Water flow		7.5 l/min	21 l/min
Hydraulic power at the nozzle		15 kW	42 kW
Abrasive		Garnet 0.15 – 0.30	Garnet 0.15 – 0.30
Abrasive concentration		10 mass%	10 mass%
Cutting time with one filling		50 min	20 min
Cutting performance (in air)	10 mm steel	198 mm/min	330 mm/min
	50 mm steel	36 mm/min	60 mm/min
	100 mm steel	16 mm/min	27 mm/min
	150 mm steel	10 mm/min	16 mm/min

Connections

High pressure water inlet	Sitec M26 x 1.5 , 9/16"-18 UNF LH
Suspension outlet	Sitec M26 x 1.5 , 9/16"-18 UNF LH
Electric power	-----
Pneumatic	DN 8, max. 8 bar
Clear water	½", max. 6 bar